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SCINTILLATION DETECTOR WITH GADOLINIUM BASED SIDEWALL
AXIAL RESTRAINT AND COMPLIANCE ASSEMBLY

ABSTRACT OF THE DISCLOSURE

[0027] A scintillation detector comprising a substantially cylindrical crystal element mounted in a substantially cylindrical housing, one end of the housing adapted for coupling with a photo-multiplier tube, the substantially cylindrical crystal element wrapped about a circumferential surface thereof with a gadolinium foil.